

CLAIMS

1. A biosensor comprising a development layer where an inspection target solution is developed, and further comprising at least a marker reagent part where a marker reagent is held so as to be dissolved by the development of the inspection target solution in a part of the development layer, as well as a reagent immobilization part where a reagent which specifically reacts to an analysis target in the inspection target solution is immobilized in a part of the development layer, wherein

the development layer is provided with a bleaching reagent area where a reagent having bleaching action is carried in a dry state where it can be dissolved, at least in a part of a sample application area where the inspection target solution is applied or the downstream of the sample application area in the direction of the inspection target solution permeating.

2. The biosensor as defined in Claim 1, wherein the development layer is made of nitrocellulose.

3. The biosensor as defined in Claim 1, wherein the reagent having bleaching action is directly carried on the development layer so as to be dissolved.

4. The biosensor as defined in Claim 1, wherein a sample inflow area to which the inspection target solution flows in by a capillary phenomenon is arranged on the

development layer, and the bleaching reagent area is held in the sample inflow area.

5. The biosensor as defined in Claim 1, wherein the inspection target solution to be applied is whole blood.
6. The biosensor as defined in Claim 1, wherein the reagent having bleaching action is sodium percarbonate.
7. The biosensor as defined in Claim 1, wherein the reagent having bleaching action is hydrogen peroxide.
8. The biosensor as defined in Claim 1, wherein the reagent having bleaching action is sodium hypochlorite.
9. The biosensor as defined in Claim 1, wherein the biosensor is a one-step immunochromatographic test strip.
10. The biosensor as defined in Claim 1, wherein the biosensor is a dry analysis element.
11. A biosensor comprising a development layer where an inspection target solution is developed, and further comprising at least a marker reagent part where a marker reagent is held so as to be dissolved by the development of the inspection target solution in a part of the development layer, as well as a reagent immobilization part where a reagent which specifically reacts to an analysis target in the inspection

target solution is immobilized in a part of the development layer, wherein

the development layer is provided with areas where a cellular component contraction agent and a reagent having bleaching action are carried respectively so as to be dissolved, at least in parts of downstream of a sample application area where the inspection target solution is applied, in the direction of the inspection target solution permeating.

12. The biosensor as defined in Claim 11, wherein

the development layer is made of nitrocellulose.

13. The biosensor as defined in Claim 11, wherein

the reagent having bleaching action is directly carried on the development layer so as to be dissolved.

14. The biosensor as defined in Claim 11, wherein

a sample inflow area to which the inspection target solution flows in by a capillary phenomenon is arranged on the development layer, and the bleaching reagent area is held in the sample inflow area.

15. The biosensor as defined in Claim 11, wherein

a mixed reagent of the cellular component contraction agent and the reagent having bleaching action is carried in the development layer.

16. The biosensor as defined in Claim 11, wherein

a space is arranged on the development layer, through which the inspection target solution, getting contact therewith,

flows in by a capillary phenomenon, and a mixed cellular component contraction agent and reagent having bleaching action are held in the space in a dry state where it can be dissolved by the inflow of the inspection target solution.

17. The biosensor as defined in Claim 11, wherein the inspection target solution to be applied is whole blood.
18. The biosensor as defined in Claim 11, wherein the reagent having bleaching action is sodium percarbonate.
19. The biosensor as defined in Claim 11, wherein the reagent having bleaching action is hydrogen peroxide.
20. The biosensor as defined in Claim 11, wherein the reagent having bleaching action is sodium hypochlorite.
21. The biosensor as defined in Claim 11, wherein the cellular component contraction agent is inorganic salt.
22. The biosensor as defined in Claim 11, wherein the cellular component contraction agent is an amino acid.
23. The biosensor as defined in Claim 11, wherein the cellular component contraction agent is a saccharide.
24. The biosensor as defined in Claim 11, wherein the biosensor is a one-step immunochromatographic test strip.

25. The biosensor as defined in Claim 11, wherein the biosensor is a dry analysis element.